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UNITED STATES PATENT AND TRADEMARK OFFICE
(Attorney Docket No. MBHB 05-583)

IN RE APPLICATION OF:)	
Gicquel et al.)
Serial No.	10/541,970)
Filed:	July 11, 2005)
Title	High-Speed Diamond Growth using a Microwave Plasma in Pulsed Mode)
Examiner:	Stouffer, Kelly M	
Group Art Unit:	1762	
Confirmation No.:	8766	

RESPONSE TO THE FINAL OFFICE ACTION
MAILED JANUARY 3, 2007

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir/Madam:

Responsive to the Final Office Action mailed January 3, 2007, Applicants respectfully request the Examiner to reconsider the above-identified patent application in view of the following amendments and remarks.

Amendment to the Claims begins on page 2 of this paper. The listing of claims will replace all prior versions and listings of claims in the application.

Remarks begin on page 5 of this paper.